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Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

- 1. (Currently Amended) A computer implemented method of storing and commands,
 2. comprising:
- recording a first set of commands to a command queue to provide a first dynamic
 snapshot, wherein the first dynamic snapshot corresponds to a set of commands associated with
 a first system state;
- 6 storing the first dynamic snapshot at a first time;
- 7 recording one or more additional sets of commands to the command queue;
- storing the one or more additional sets of commands, wherein storing a first one of the one or more additional sets of commands is spaced in time from storing a second one of the one or more additional sets of commands by a first storage interval;
 - eliminating selected ones of overriding redundant, and superfluous commands from the command queue to provide a second dynamic snapshot, wherein the second dynamic snapshot corresponds to a set of commands associated with a second system state; and
- storing the second dynamic snapshot at a second time, wherein a difference between the first time and the second time corresponds to a second storage interval.
- 2. (Original) The method of claim 1, wherein the first storage interval is less than one second.
- 1 3. (Original) The method of Claim 1, wherein the first storage interval is less than five seconds.
- 4. (Original) The method of Claim 1, wherein the first storage interval is less than sixty
- 2 seconds.

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- 5. (Original) The method of Claim 1, wherein the second storage interval is greater than sixty
- 2 seconds.

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- 6. (Original) The method of Claim 1, wherein the second storage interval is greater than five
- 2 minutes.
- 7. (Original) The method of Claim 1, wherein the second storage interval is greater than ten
- 2 minutes.
- 1 8. (Original) The method of Claim 1, wherein the commands include scene graph display
- 2 commands associated with a graphical display.
- 9. (Original) The method of Claim 1, wherein the commands include two-dimensional display
- 2 commands associated with a scene graph and associated with a graphical display.
- 1 10. (Original) The method of Claim 1, wherein the commands are associated with an air traffic
- 2 control (ATC) display.
- 1 11. (Original) The method of Claim 1, wherein the recording the first set of commands and the
- 2 recording the one or more additional set of commands are adapted to store the first set of
- 3 commands and the one or more additional sets of commands in an electronic solid-state
- 4 memory.
- 1 12. (Original) The method of Claim 1, wherein the storing the first and second dynamic
- 2 snapshots and the storing the one or more additional sets of commands are adapted to store the
- 3 first and second dynamic snapshots and the one or more additional sets of commands in a non-
- 4 volatile memory.
- 1 13. (Original) The method of Claim 12, wherein the non-volatile memory comprises at least one
- 2 of an electronic non-volatile memory and a tape recorder.
- 1 14. (Original) The method of Claim 1, further including:

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- receiving a time of interest, wherein the time of interest is between the first time and the 1 2 second time; retrieving the first dynamic snapshot; 3
- retrieving selected ones of the one or more additional sets of commands, wherein the 4 selected ones of the one or more additional sets of commands include commands recorded at or 5 before the time of interest; 6
 - appending the selected ones of the one or more sets of commands to the first dynamic snapshot to provide an intermediate dynamic snapshot associated with the time of interest; and interpreting the commands associated with the intermediate dynamic snapshot.
- 15. (Original) The method of Claim 14, further including eliminating selected ones of 1
- overriding redundant, and superfluous commands from within the intermediate dynamic 2
- 3 snapshot.

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- 16. (Original) The method of Claim 14, wherein the commands include display commands 1
- associated with a scene graph and associated with a graphical display, wherein the interpreting 2
- the commands includes generating the graphical display. 3
- 17. (Original) The method of Claim 14, wherein the commands include two-dimensional 1
- display commands associated with a scene graph and associated with a graphical display, 2
- wherein the interpreting the commands includes generating the graphical display. 3
- 18. (Original) The method of Claim 14, wherein the commands are associated with an air traffic 1
- control (ATC) display, wherein the interpreting the commands includes generating the ATC 2
- 3 display.

second time;

- 19. (Original) The method of Claim I, further including: 1
- receiving a time of interest, wherein the time of interest is between the first time and the 2 3
- 4 retrieving the first dynamic snapshot;

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1	interpreting the first dynamic snapshot
2	retrieving selected ones of the one or more additional sets of commands, wherein the
3	selected ones of the one or more additional sets of commands include commands recorded at or
4	before the time of interest; and
5	interpreting the selected ones of the one or more additional sets of display commands.
1	20. (Original) The method of Claim 19, wherein the commands include display commands
2	associated with a scene graph and associated with a graphical display, wherein the interpreting
3	the first dynamic snapshot includes generating the graphical display, and wherein the interpreting
4	the selected ones of the one or more additional sets of display commands includes updating the
5	graphical display.
1	21. (Original) The method of Claim 19, wherein the display commands include two-
2	dimensional display commands associated with a scene graph and associated with a graphical
3	display, wherein the interpreting the first dynamic snapshot includes generating the graphical
4	display, and wherein the interpreting the selected ones of the one or more additional sets of
5	display commands includes updating the graphical display.
1	22. (Previously Presented) The method of Claim 20, wherein the commands are associated with
2	an air traffic control (ATC) display, wherein the interpreting the first dynamic snapshot includes
3	generating the ATC display, and wherein the interpreting the selected ones of the one or more
4	additional sets of display commands includes updating the ATC display.
1	23. (Previously Presented) A computer program medium having computer readable code
2	thereon for storing commands, the medium comprising:
3	instructions for recording a first set of commands to a command queue to provide a first
4	dynamic snapshot, wherein the first dynamic snapshot corresponds to a set of commands
5	associated with a first system state;

instructions for storing the first dynamic snapshot at a first time;

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1	instructions for recording one or more additional sets of commands to the command
2	queue;
3	instructions for storing the one or more additional sets of commands, wherein storing a
4	first one of the one or more additional sets of commands is spaced in time from storing a second
5	one of the one or more additional sets of commands by a first storage interval;
6	instructions for eliminating selected ones of overriding redundant, and superfluous
7	commands from the command queue to provide a second dynamic snapshot, wherein the second
8	dynamic snapshot corresponds to a set of commands associated with a second system state;
9	instructions for storing the second dynamic snapshot at a second time as a second
10	dynamic snapshot, wherein a difference between the first time and the second time corresponds
11	to a second storage interval.
1	24. (Previously Presented) The computer program medium of Claim 23, wherein the commands
2	include display commands associated with a scene graph and associated with a graphical display.
1	25. (Previously Presented) The computer program medium of Claim 23, wherein the commands
2	include two-dimensional display commands associated with a scene graph and associated with a

- 1 26. (Previously Presented) The computer program medium of Claim 23, wherein the commands
- 2 are associated with an air traffic control (ATC) display.
- 1 27. (Previously Presented) The computer program medium of Claim 23, wherein the recording
- 2 the first set of commands and the recording the one or more additional set of commands are
- 3 adapted to store the first set of commands and the one or more additional sets of commands in
- 4 an electronic solid-state memory.

graphical display.

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- 1 28. (Previously Presented) The computer program medium of Claim 23, wherein the storing the
- 2 first and second dynamic snapshots and the storing the one or more additional sets of commands

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- 3 are adapted to store the first and second dynamic snapshots and the one or more additional sets
- 4 of commands in a non-volatile memory.
- 1 29. (Previously Presented) The computer program medium of Claim 28, wherein the non-
- 2 volatile memory comprises at least one of an electronic non-volatile memory and a tape recorder.
- 1 30. (Previously Presented) The computer program medium of Claim 23, further including:
- 2 instructions for receiving a time of interest, wherein the time of interest is between the
- 3 first time and the second time;
- 4 instructions for retrieving the first dynamic snapshot;
- 5 instructions for retrieving selected ones of the one or more additional sets of commands,
- 6 wherein the selected ones of the one or more additional sets of commands include commands
- 7 recorded at or before the time of interest;
- 8 instructions for appending the selected ones of the one or more sets of commands to the
- 9 first dynamic snapshot to provide an intermediate dynamic snapshot associated with the time of
- 10 interest; and
- instructions for interpreting the commands associated with the intermediate dynamic
- 12 snapshot.
- 1 31. (Previously Presented) The computer program medium of Claim 30, further including
- 2 instructions for eliminating selected ones of overriding redundant, and superfluous commands
- 3 from within the intermediate dynamic snapshot.
- 1 32. (Previously Presented) The computer program medium of Claim 30, wherein the commands
- 2 include display commands associated with a scene graph and associated with a graphical display,
- 3 wherein the interpreting the commands includes generating the graphical display.
- 1 33. (Previously Presented) The computer program medium of Claim 30, wherein the commands
- 2 include two-dimensional display commands associated with a scene graph and associated with a

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- graphical display, wherein the interpreting the commands includes generating the graphical display.
- 1 34. (Currently Amended) The computer program medium of Claim 30, wherein the commands
- 2 are associated with an air traffic control (ATC) display, , wherein the interpreting the commands
- 3 includes generating the ATC display.
- 1 35. (Previously Presented) The computer program medium of Claim 23, further including:
- 2 instructions for receiving a time of interest, wherein the time of interest is between the
- 3 first time and the second time;
- 4 instructions for retrieving the first dynamic snapshot;
- 5 instructions for interpreting the first dynamic snapshot
- 6 instructions for retrieving selected ones of the one or more additional sets of commands,
- 7 wherein the selected ones of the one or more additional sets of commands include commands
- 8 recorded at or before the time of interest; and
- 9 instructions for interpreting the selected ones of the one or more additional sets of display
- 10 commands.
- 1 36. (Previously Presented) The computer program medium of Claim 35, wherein the display
- 2 commands include two-dimensional display commands associated with a scene graph and
- 3 associated with a graphical display, wherein the instructions for interpreting the first dynamic
- 4 snapshot include instructions for generating the graphical display, and wherein the instructions
- 5 for interpreting the selected ones of the one or more additional sets of display commands include
- 6 instructions for updating the graphical display.
- 1 37. (Previously Presented) A system for storing commands, comprising:
- 2 a recording proxy adapted to intercept the commands;
- 3 a dynamic snapshot generator coupled to the recording proxy for providing dynamic
- 4 snapshots, wherein each dynamic snapshot corresponds to a respective sets of commands and
- 5 each set of commands is associated with a system state;

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a command interface coupled to the recording proxy for providing commands; 1 a storage module coupled to the command interface and to the dynamic snapshot 2 generator, for storing the commands and for storing the dynamic snapshots. 3 38. (Previously Presented) The system of Claim 37, wherein the commands include display 1 commands associated with a scene graph and associated with a graphical display. 2 39. (Previously Presented) The system of Claim 37, wherein the commands include two-1 dimensional display commands associated with a scene graph and associated with a graphical 2 3 display. 40. (Previously Presented) The system of Claim 37, wherein the commands are associated with 1 2 an air traffic control (ATC) display. 41. (Previously Presented) The system of Claim 37, wherein the dynamic snapshot generator 1 2 includes: a command queue having: 3 a command stack portion for recording commands; and 4 a dynamic snapshot portion for recording commands associated with a system 5 6 state, and a processor adapted to combine the commands in the command queue to eliminate 7 selected ones of overriding, redundant, and superfluous commands in the command queue. 8 42. (Previously Presented) The system of Claim 41, wherein the storage module is adapted to 1 store commands associated with the command stack portion and to store commands associated 2 3 with the dynamic snapshot portion. 43. (Previously Presented) The system of Claim 41, wherein the storage module is adapted to 1 provide display commands associated with the command stack portion and the display 2

commands associated with the dynamic snapshot portion for generating a graphical display.